

FIG. 1

1/7

Cytochrome P450-Dependent Enzymes From *Euphorbia lagascae* (SEQ ID NO:2) and *Capsicum annuum* (gi 6739506)

gi 6739506 ME---IQFTN-LVAFLLEFLSSIIILKKWKTQKLNLPPGPWKLPIFGSLHHLAVAGPLPHGLKLNLAKEYGPLMHLRLGEIPTVIISSPR
SEQ ID NO:2 MEQKNLSPSILISFLIVLI-LVVVMRLWKKQ--NPPPGPWKFPIIIGNLPHLLTSDLGHERFRALAQIYGPVMSLQIGQVSAVVISSAE

gi 6739506 MAKEVULKTHDLAFATRPKLVVADIVHYDSTDIAFSPYGEYWRQIRKICILELLSAKMVKFESSIRQDELSMMVSIRTMPNPFPVNLTDKI
SEQ ID NO:2 AAKEVMTQADAFQAQRPIVLDQAQIVFYNRKDVLFASYGDHWQMKKIWILEFLSAKKVOSRSLIREEEMEDAITFLRSKAGSPVNITKII

gi 6739506 FWFTSSVTCRSALGKICRDQDKLIIIFMREIIISLTGGFSIADFFPTWKMLHDVGGSKTRLLKAHRKIDEILEHVNEHKQNRAKGOKGNGE
SEQ ID NO:2 YIIISIMIRTSVGN-CRKKERLLSVADAVNEAATSFGTADAFTPWKLLHYIIGAESKPRLHQEIDDILEEILNEHKANKP-----

gi 6739506 FGGEDLIDVLLRVRESGEVQISITDDNIKSILVDMESAGSETSSTTIWALEMKKPSVILAKAQAEVRQLKEKKGFQQIDLDELKYLK
SEQ ID NO:2 FEADNLMMDVLLNLQKNGNVPVPVNTNESIKASVQLQMFTAGSETTSKATEWMALMKNPTELRKAQEEVVRQVFEMGKVDESRFHDLKTFK

gi 6739506 LVIKETLRMHPIPLVPRECMKDTKIDGYNIPFKTRIVNAWAIGRDPESWDDPESFSPPERFENSSVDFLGSHHQFIPFGAGRRICPGM
SEQ ID NO:2 LVVKETRLHPPV-VLIPRECRETRIDGYEIHPNTRIVNAWAIGRDPEWSEPGKFNPERFKDCAIIDYKGTTFELVPGAGKRICPGI

gi 6739506 LFGLANVGOPLAQQLYHFDRKLPNGOSHENLDMTESPGISATRKDDLVLIATPYD-----P
SEQ ID NO:2 TSAITNLEYVIINLLYHFNWELADGITPQTLDMTEAIGGALARRKIDIKLIPIPYQVSLGSNIS

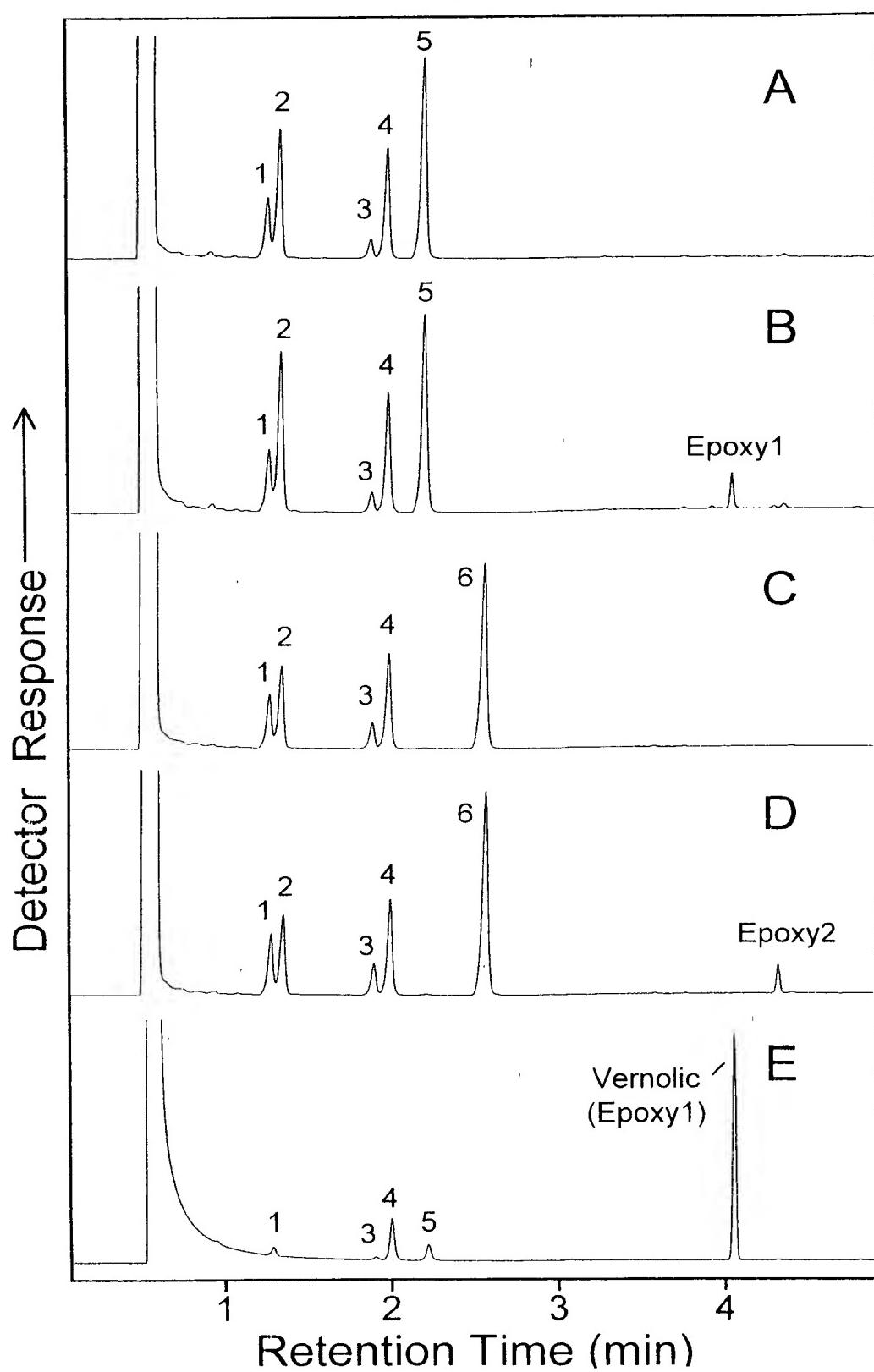


FIG. 2

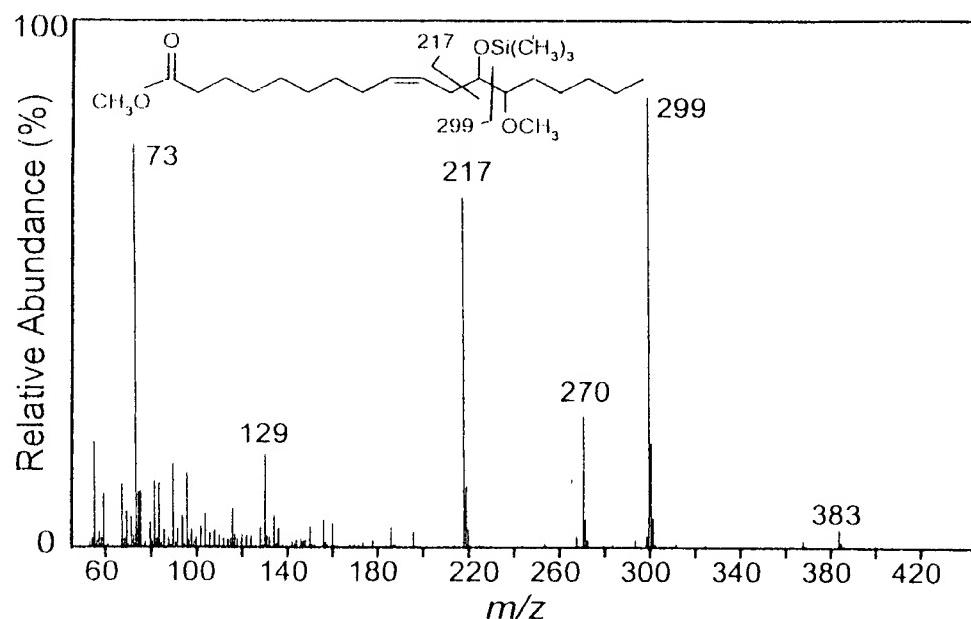


FIG. 3A

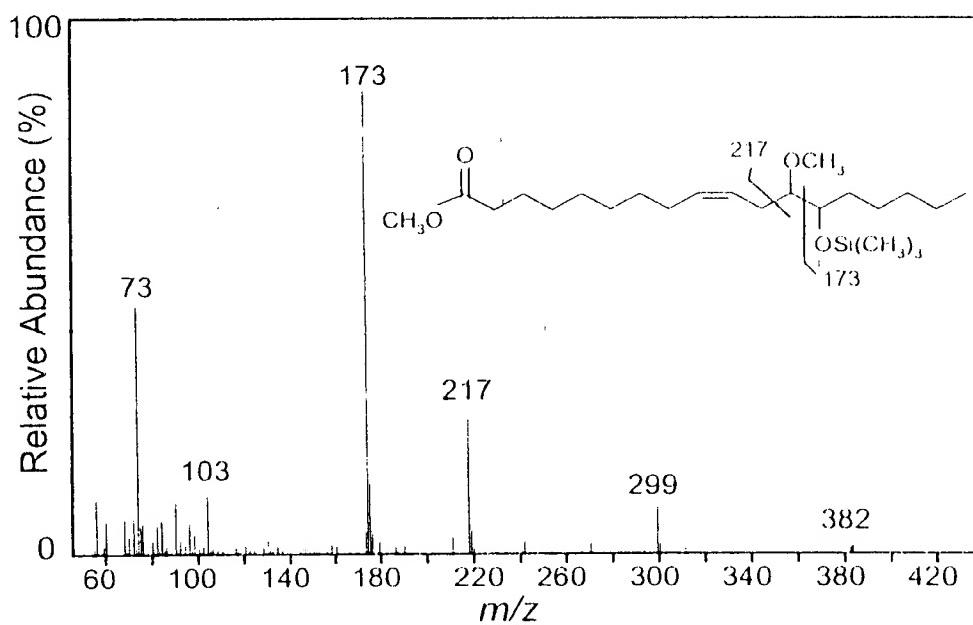


FIG. 3B

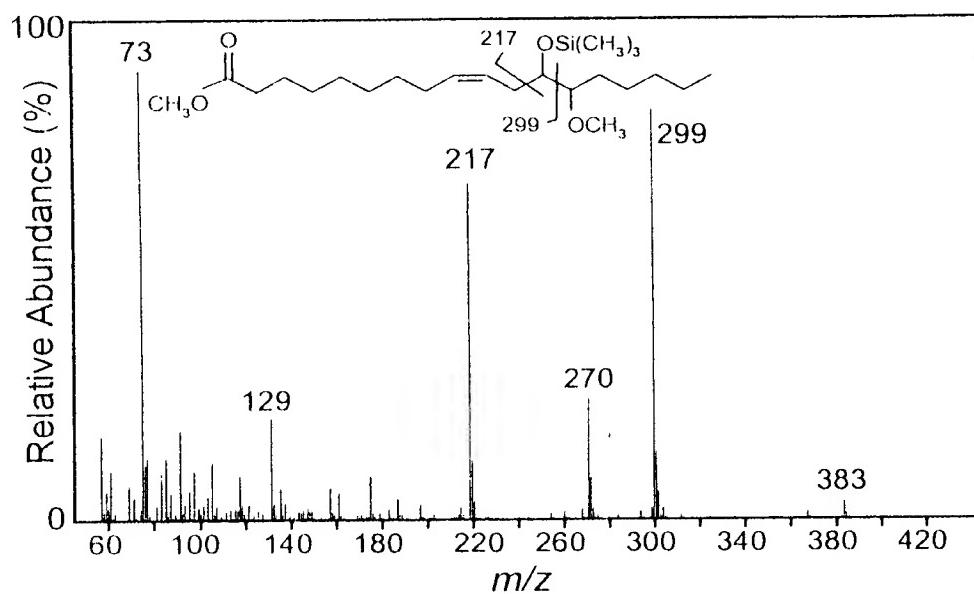


FIG. 3C

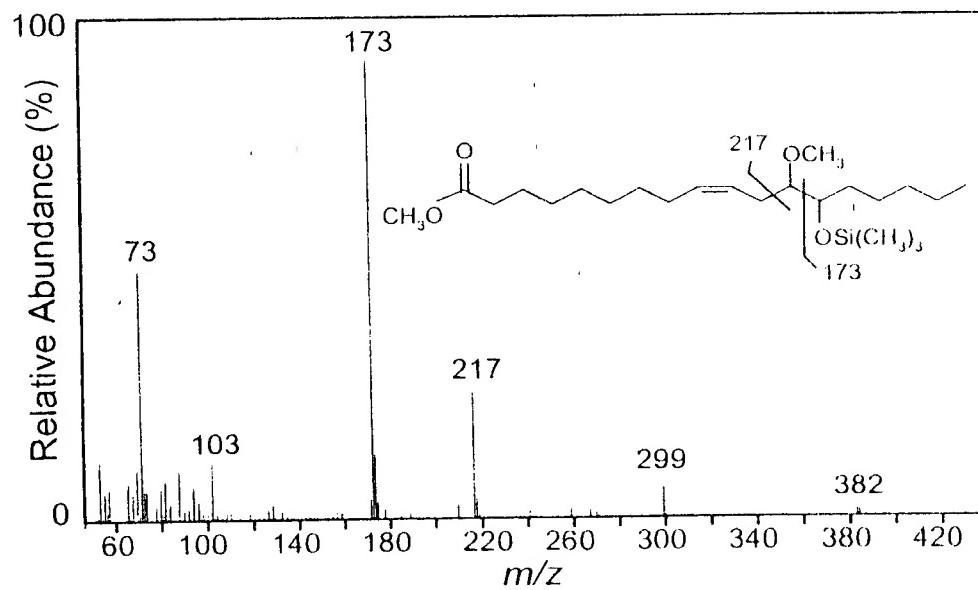


FIG. 3D

5/7

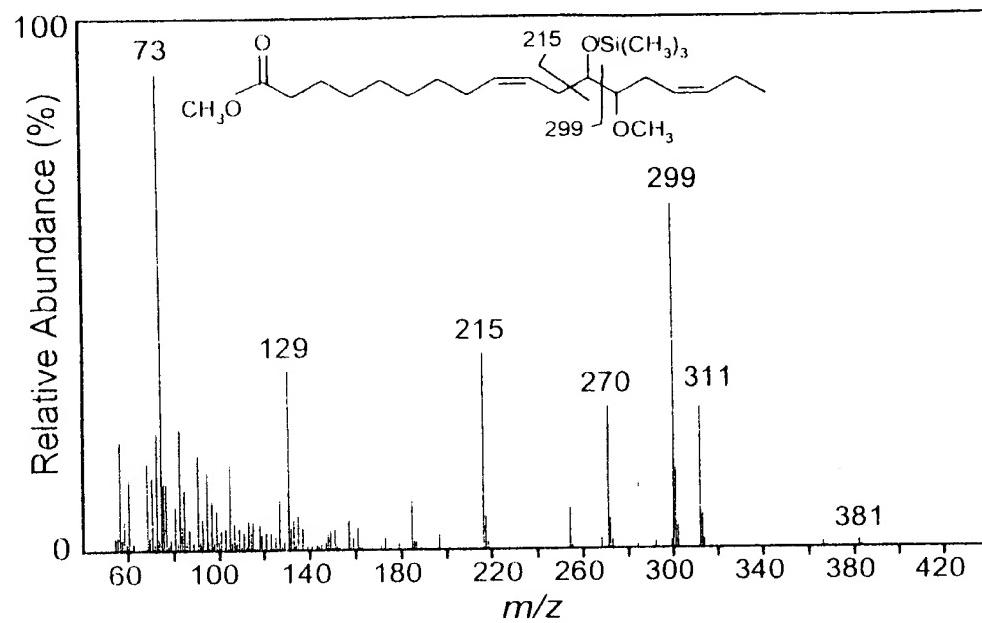


FIG. 3E

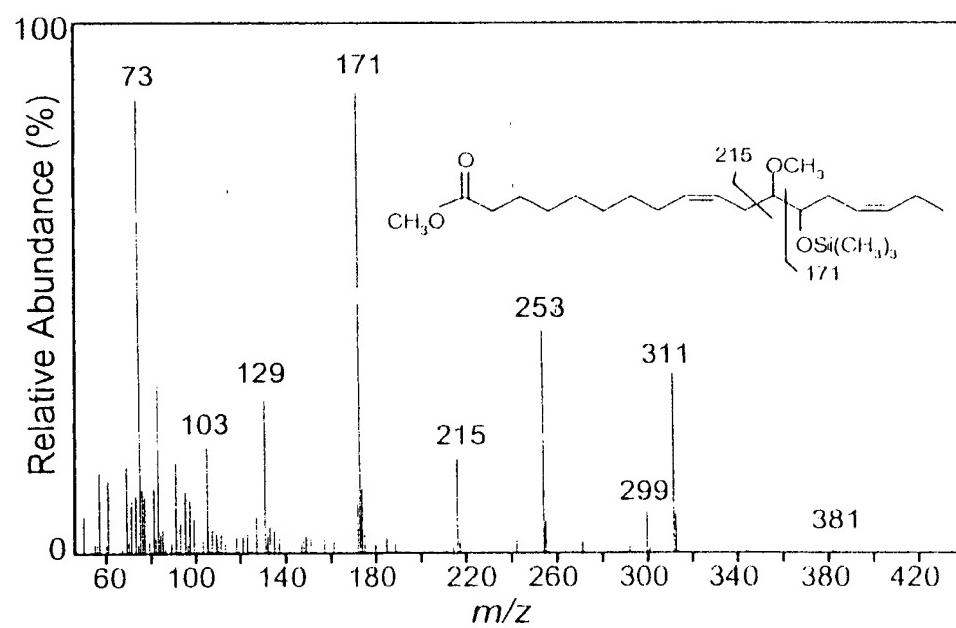


FIG. 3F

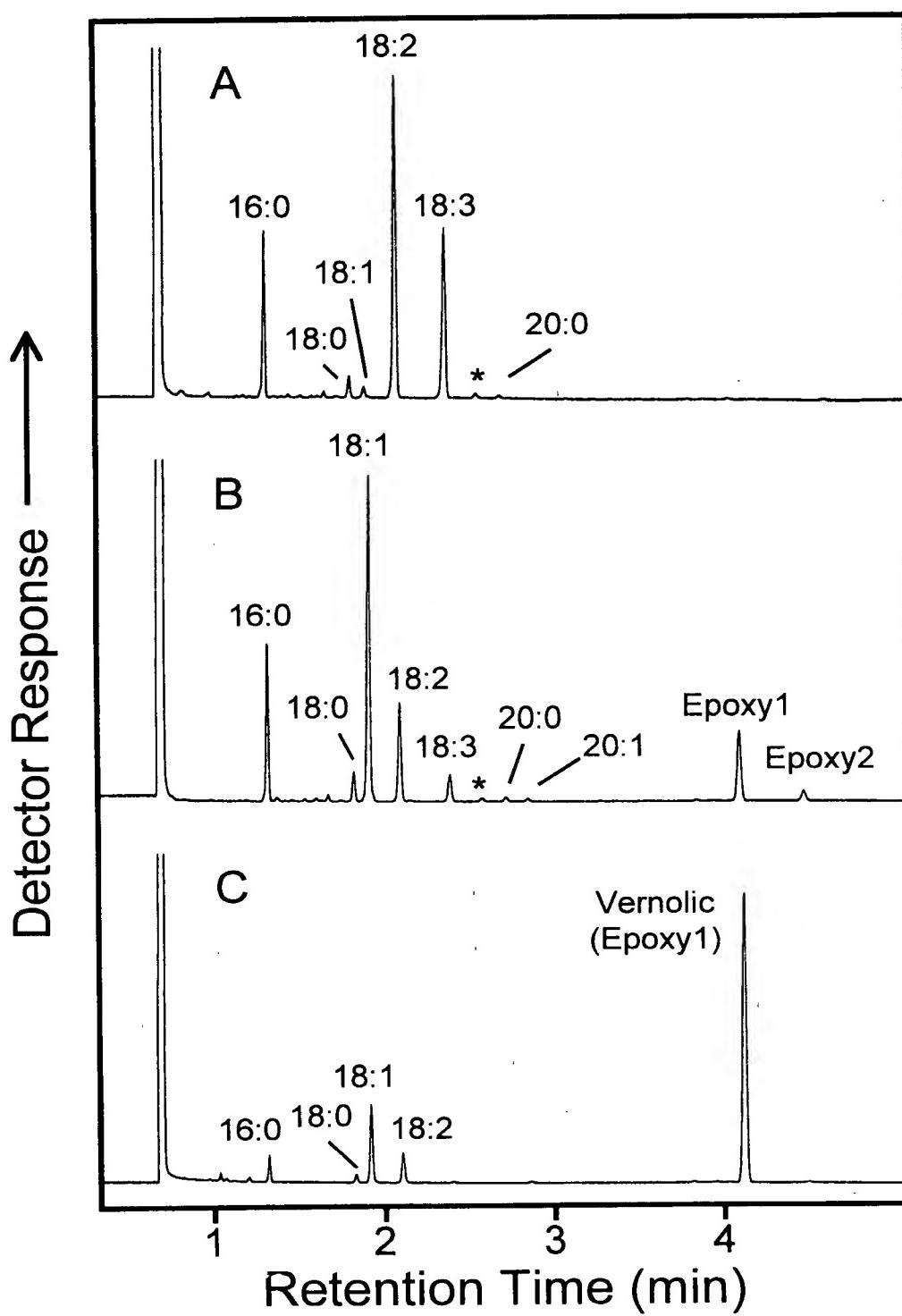


FIG. 4

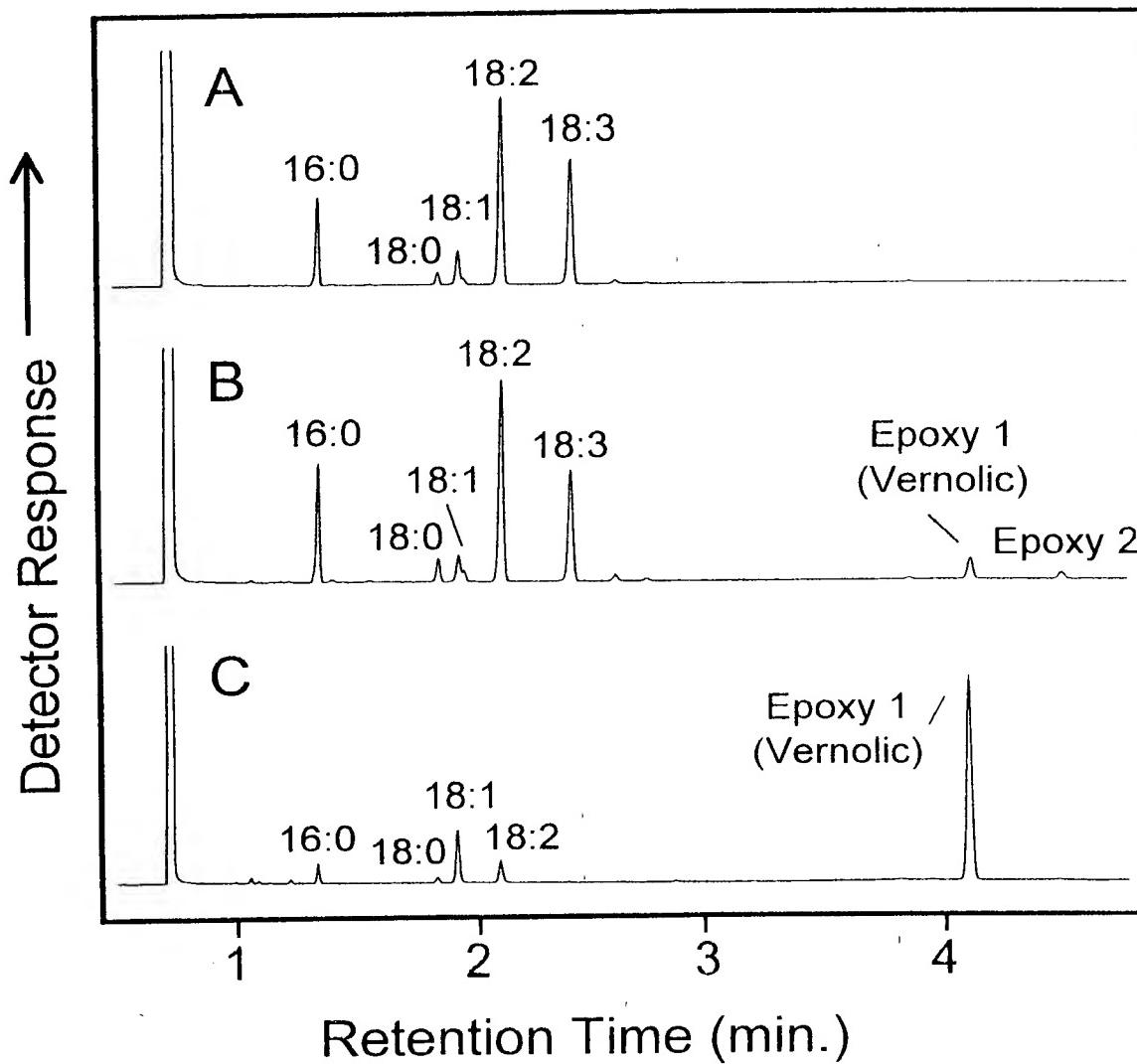


FIG. 5